

Polyctenium williamsiae RollinsWILLIAMS COMBLEAF

FAMILY: *Brassicaceae*, the mustard family.

SYNONYMS: *Polyctenium fremontii* var. *confertum*.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2Q S2

USFWS/ESA: species of concern, formerly CANDIDATE or PROPOSED. STATE OF NEVADA: FULLY PROTECTED. BLM: Special Status Species in Nevada. USFS: Inyo NF Sensitive Species. NNNPS: THREATENED.

POPULATION CENSUS (NEVADA): 14 occurrences mapped at 1.0 km (0.6 mi) separation, OR 24 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 11,000+, total estimated area 185+ ha (457+ ac).
TREND: DECLINING.

IMPACTS AND MAJOR THREATS (NEVADA): Trampling by livestock and feral horses, water diversions and developments, off-road vehicle use.

INVENTORY EFFORT (NEVADA): Surveys are substantially complete in Nevada. Most recent entered survey 1999, average year of last survey 1997. Years since last entered survey (percent of mapped records at various survey ages): 0-5 yrs: 66.7%; 6-10 yrs: 33.3%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, private lands, Nevada state lands (?).

RANGE: Douglas, Lyon, Mineral, Nye, and Washoe counties, Nevada; also in CA and OR. Maximum Nevada range dimension 322.6 km (200.5 mi) excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 5670-8930 feet (1728-2722 meters).

HABITAT (NEVADA): Relatively barren sandy to sandy-clay or mud margins and bottoms of non-alkaline seasonal lakes perched over volcanic bedrock in the sagebrush, pinyon-juniper, and mountain sagebrush zones, with *Carex douglasii*, *Muhlenbergia richardsonis*, *Camissonia tanacetifolia*, *Iva axillaris*, *Myosurus minimus*, *Potentilla newberryi*, *Psilocarphus brevissimus*, *Downingia* sp., *Eleocharis*, *Juncus balticus*, *Artemisia tridentata*, *A. cana*, etc. Aquatic or wetland-dependent in Nevada.

PHENOLOGY: flowering early-spring. Range of most frequent survey months: March-July.

LIFE-FORM AND HABIT: small short-lived perennial herb.

DESCRIPTION: A perennial herb, 4-10 cm tall, that produces a clusters of white to purplish flowers in mid-summer.

PHOTOGRAPHS: Nevada Natural Heritage Program slide collection (1986-present) and files.

ILLUSTRATIONS: Rollins (1993).

OTHER GENERAL REFERENCES (listed separately): Hickman (1993).

SPECIFIC REFERENCES:

- Holland, R. F. 1995. Current knowledge and conservation status of *Polyctenium williamsiae* Rollins; Williams' combleaf, and *P. fremontii* var. *confertum* Rollins, crowded combleaf (*Brassicaceae*) in Nevada. Carson City: Nevada Natural Heritage Program, status report prepared for the U. S. Fish and Wildlife Service, Reno.
- Holland, R. F. 1997. Current knowledge and conservation status of *Polyctenium williamsiae* Rollins and *Polyctenium fremontii* var. *confertum* Rollins (*Brassicaceae*), two combleafs, in Nevada. Carson City: Nevada Natural Heritage Program, DRAFT status report prepared for the U. S. Fish and Wildlife Service, Reno.
- Knight, T. A. 1990. Status report for *Polyctenium williamsiae* Rollins. Carson City: Nevada Natural Heritage Program, prepared for the U. S. Fish and Wildlife Service, Reno.
- Rollins, R. C. 1983. Studies in the *Cruciferae* of western North America. *Journal of the Arnold Arboretum* 64: 491-510.

OF FURTHER INTEREST: *Polyctenium fremontii* var. *confertum* has been merged with *P. williamsiae* as per Holland and Morefield, 97-11-24 (see Holland, 1997).

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NEVADA RARE PLANT ATLAS

INDEX TO MAPS AND FACT SHEETS

(8 August 2001)

This index lists all plant taxa on the Nevada Natural Heritage Program's at-risk and watch lists, whether or not included in the current Nevada Rare Plant Atlas. Atlas fact sheets and maps are available and linked for over 80% of these taxa. **PLEASE NOTE THAT INFORMATION FOR SOME SPECIES MAY BE INCOMPLETE OR OUT OF DATE. Please read the atlas text sections** for further information on the **sources and limitations of the data** represented on the maps and fact sheets, and for **general references** cited only in brief in the fact sheets. **Fact sheets** are saved in PDF format and require the free Adobe® Acrobat® Reader plug-in if not already installed on your system. **Images**, when available as links from our images page, are indicated with a link to that page, following which you must scroll manually to the species of interest. **Updated maps and fact sheets** will be generated and posted as time and resources permit, as the data comprising them are constantly being generated and updated.

Map Printing and Display: Due to storage limitations, the map images linked to this web page are not reproduced at their original printed resolution (600 dpi in 8.5x11 inch format). They are instead produced at 105 dpi (dots-per-inch) resolution, which results in grainy but acceptably readable output when printed or displayed. When you click on a map link, the **first image** that displays is **formatted for best printing results, even though** the screen display may appear degraded. **To best approximate an original printed version:** change the page set-up or format in your browser to eliminate all headers and footers and change all margins to their smallest possible value, then **print pages 1 to 1** of this version. Recent versions of MS Internet Explorer or Netscape browsers printing to laserjet printers should work well. If you wish to view the map in its **best display quality on your screen**, simply click anywhere in the first map image and you will receive a second image at maximum available resolution.

	<u>Scientific Name</u>	<u>Common Name</u>
	<i>Abronia nana ssp. covillei</i>	Coville abronia
<u>image</u>	<i>Agastache cusickii</i>	Cusick hyssop
	<i>Agave utahensis</i> var. <i>eborispinia</i>	ivory-spined agave
<u>image</u>	<i>Agave utahensis</i> var. <i>nevadensis</i>	Clark Mountain agav
<u>image</u> <u>map</u> <u>sheet</u>	<i>Angelica scabrida</i>	rough angelica
<u>map</u> <u>sheet</u>	<i>Antennaria arcuata</i>	meadow pussytoes
<u>image</u> <u>map</u> <u>sheet</u>	<i>Antennaria soliceps</i>	Charleston pussytoe
<u>image</u> <u>map</u> <u>sheet</u>	<i>Arabis bodiensis</i>	Bodie Hills rockcre
	<i>Arabis dispar</i>	pinyon rockcress
<u>image</u> <u>map</u> <u>sheet</u>	<i>Arabis falcatoria</i>	Grouse Creek rockcr
<u>image</u> <u>map</u> <u>sheet</u>	<i>Arabis falcifructa</i>	Elko rockcress

		<i>Arabis fernaldiana</i> var. <i>fernalidiana</i>	Fernald rockcress	
		<i>Arabis fernaldiana</i> var. <i>stylosa</i>	Fernald rockcress	
image	map	sheet	<i>Arabis ophira</i>	Ophir rockcress
image	map	sheet	<i>Arabis pinzliae</i>	Pinzl rockcress
	map	sheet	<i>Arabis rectissima</i> var. <i>simulans</i>	Washoe tall rockcre
	map	sheet	<i>Arabis rigidissima</i> var. <i>demota</i>	Galena Creek rockcr
image	map	sheet	<i>Arabis shockleyi</i>	Shockley rockcress
image	map	sheet	<i>Arabis tiehmii</i>	Tiehm rockcress
image	map	sheet	<i>Arctomecon californica</i>	Las Vegas bearpoppy
image	map	sheet	<i>Arctomecon merriamii</i>	white bearpoppy
		<i>Arenaria congesta</i> var. <i>charlestonensis</i>	Mount Charleston sa	
		<i>Arenaria congesta</i> var. <i>wheelerensis</i>	Mount Wheeler sandw	
image	map	sheet	<i>Arenaria kingii</i> ssp. <i>rosea</i>	rosy King sandwort
image	map	sheet	<i>Arenaria stenomeris</i>	Meadow Valley sandw
	map	sheet	<i>Artemisia packardiae</i>	Packard mugwort
image	map	sheet	<i>Artemisia papposa</i>	Owyhee sagebrush
	map	sheet	<i>Asclepias eastwoodiana</i>	Eastwood milkweed
	map	sheet	<i>Aspicilia fruticulosa</i>	rim lichen
	map	sheet	<i>Astragalus ackermanii</i>	Ackerman milkvetch
image	map	sheet	<i>Astragalus aequalis</i>	Clokey milkvetch
	map	sheet	<i>Astragalus amphioxys</i> var. <i>musimonum</i>	Sheep Mountain milk
	map	sheet	<i>Astragalus anserinus</i>	Goose Creek milkvet
image	map	sheet	<i>Astragalus beatleyae</i>	Beatley milkvetch
	map	sheet	<i>Astragalus callithrix</i>	Callaway milkvetch
	map	sheet	<i>Astragalus calycosus</i> var. <i>monophyllidius</i>	one-leaflet Torrey
	map	sheet	<i>Astragalus cimae</i> var. <i>cimae</i>	Cima milkvetch
	map	sheet	<i>Astragalus convallarius</i> var. <i>finitimus</i>	Pine Valley milkvet
	map	sheet	<i>Astragalus convallarius</i> var. <i>margaretiae</i>	Margaret rushy milk
	map	sheet	<i>Astragalus diversifolius</i>	meadow milkvetch
		<i>Astragalus ensiformis</i> var. <i>gracilior</i>	Veyo milkvetch	
	map	sheet	<i>Astragalus eurylobus</i>	Needle Mountains mi
image	map	sheet	<i>Astragalus funereus</i>	black woollypod
image	map	sheet	<i>Astragalus geyeri</i> var. <i>triquetrus</i>	threecorner milkvet
	map	sheet	<i>Astragalus gilmanii</i>	Gilman milkvetch
image		<i>Astragalus inyoensis</i>	Inyo milkvetch	
image		<i>Astragalus jejunus</i> var. <i>jejunus</i>	starveling milkvetc	
image	map	sheet	<i>Astragalus johannis-howellii</i>	Long Valley milkvet
		<i>Astragalus lemmonii</i>	Lemmon milkvetch	
		<i>Astragalus lentiginosus</i> var. <i>kernensis</i>	Kern Plateau milkve	
	map	sheet	<i>Astragalus lentiginosus</i> var. <i>latus</i>	broad-pod freckled
		<i>Astragalus lentiginosus</i> var. <i>scorpionis</i>	scorpion milkvetch	
image	map	sheet	<i>Astragalus lentiginosus</i> var. <i>sesquimetalis</i>	Sodaville milkvetch
image	map	sheet	<i>Astragalus mohavensis</i> var. <i>hemigyryus</i>	halfring milkvetch
image	map	sheet	<i>Astragalus mohavensis</i> var. <i>mohavensis</i>	Mojave milkvetch
image	map	sheet	<i>Astragalus mokiacensis</i>	Mokiak milkvetch
	map	sheet	<i>Astragalus nyensis</i>	Nye milkvetch
image	map	sheet	<i>Astragalus oophorus</i> var. <i>clokeyanus</i>	Clokey eggvetch
	map	sheet	<i>Astragalus oophorus</i> var. <i>lavinii</i>	Lavin eggvetch
	map	sheet	<i>Astragalus oophorus</i> var. <i>lonchocalyx</i>	long-calyx eggvetch
image	map	sheet	<i>Astragalus phoenix</i>	Ash Meadows milkvet
	map	sheet	<i>Astragalus porrectus</i>	Lahontan milkvetch
	map	sheet	<i>Astragalus pseudiodanthus</i>	Tonopah milkvetch
	map	sheet	<i>Astragalus pterocarpus</i>	winged milkvetch
image	map	sheet	<i>Astragalus pulsiferae</i> var. <i>pulsiferae</i>	Pulsifer milkvetch
image	map	sheet	<i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	Suksdorf milkvetch
image	map	sheet	<i>Astragalus remotus</i>	Spring Mountains mi
	map	sheet	<i>Astragalus robbinsii</i> var. <i>occidentalis</i>	Lamoille Canyon mil
	map	sheet	<i>Astragalus serencoi</i> var. <i>sordescens</i>	squalid milkvetch
	map	sheet	<i>Astragalus solitarius</i>	lonesome milkvetch
image	map	sheet	<i>Astragalus tiehmii</i>	Tiehm milkvetch

	map	sheet	<i>Astragalus toquimanus</i>	Toquima milkvetch
	map	sheet	<i>Astragalus uncialis</i>	Currant milkvetch
image	map	sheet	<i>Astragalus yoder-williamsii</i>	Osgood Mountains mi
image	map	sheet	<i>Botrychium ascendens</i>	upswept moonwort
image	map	sheet	<i>Botrychium crenulatum</i>	dainty moonwort
image			<i>Calochortus leichtlinii</i>	Leichtlin mariposa
image	map	sheet	<i>Calochortus striatus</i>	alkali mariposa lil
	map	sheet	<i>Camissonia megalantha</i>	Cane Spring suncup
image	map	sheet	<i>Camissonia nevadensis</i>	Nevada suncup
image	map	sheet	<i>Castilleja martinii</i> var. <i>clokeyi</i>	Clokey paintbrush
image	map	sheet	<i>Castilleja salsuginosa</i>	Monte Neva paintbru
	map	sheet	<i>Caulanthus barnebyi</i>	Barneby stemflower
image	map	sheet	<i>Centaurium namophilum</i>	spring-loving centa
	map	sheet	<i>Chrysothamnus eremobius</i>	remote rabbitbrush
image	map	sheet	<i>Cirsium clokeyi</i>	Clokey thistle
	map	sheet	<i>Cirsium virginense</i>	Virgin River thistl
	map	sheet	<i>Collomia renacta</i>	Barren Valley collo
	map	sheet	<i>Cordylanthus tecopensis</i>	Tecopa birdsbeak
image	map	sheet	<i>Crossidium seriatum</i>	seriate crossidium
	map	sheet	<i>Cryptantha insolita</i>	unusual catseye
image	map	sheet	<i>Cryptantha schoolcraftii</i>	Schoolcraft catseye
	map	sheet	<i>Cryptantha tumulosa</i>	New York Mountains
	map	sheet	<i>Cryptantha welshii</i>	White River catseye
	map	sheet	<i>Cusickiella quadricostata</i>	Bodie Hills draba
	map	sheet	<i>Cymopterus basalticus</i>	intermountain wavew
image	map	sheet	<i>Cymopterus cinerarius</i>	gray wavewing
image	map	sheet	<i>Cymopterus goodrichii</i>	Goodrich biscuitroo
			<i>Cymopterus nivalis</i>	snow wavewing
	map	sheet	<i>Cymopterus ripleyi</i> var. <i>ripleyi</i>	Ripley biscuitroot
	map	sheet	<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>	sanicle biscuitroot
image	map	sheet	<i>Didymodon nevadensis</i>	Gold Butte moss
image	map	sheet	<i>Draba arida</i>	desert whitlowgrass
	map	sheet	<i>Draba asterophora</i> var. <i>asterophora</i>	Tahoe draba
	map	sheet	<i>Draba brachystylis</i>	Wasatch draba
	map	sheet	<i>Draba californica</i>	California draba
	map	sheet	<i>Draba cusickii</i> var. <i>pedicellata</i>	stalked Cusick whit
image	map	sheet	<i>Draba jaegeri</i>	Jaeger whitlowgrass
	map	sheet	<i>Draba oreibata</i> var. <i>serpentina</i>	Snake Range whitlow
	map	sheet	<i>Draba paucifructa</i>	Charleston draba
	map	sheet	<i>Draba pennellii</i>	Pennell draba
			<i>Draba sphaeroides</i>	Elko whitlowgrass
	map	sheet	<i>Draba subumbellata</i>	White Mountains cus
	map	sheet	<i>Dudleya pulverulenta</i>	chalk liveforever
	map	sheet	<i>Elodea nevadensis</i>	Nevada waterweed
image	map	sheet	<i>Enceliopsis argophylla</i>	silverleaf sunray
image	map	sheet	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray
	map	sheet	<i>Entosthodon planconvexus</i>	planoconvex entosth
image			<i>Ephedra funerea</i>	Death Valley mormon
image	map	sheet	<i>Epilobium nevadense</i>	Nevada willowherb
	map	sheet	<i>Ericameria cervina</i>	Antelope Canyon gol
	map	sheet	<i>Ericameria compacta</i>	Charleston goldenbu
	map	sheet	<i>Ericameria watsonii</i>	Watson goldenbush
	map	sheet	<i>Erigeron latus</i>	broad fleabane
image	map	sheet	<i>Erigeron ovinus</i>	sheep fleabane
image	map	sheet	<i>Erigeron uncialis</i> var. <i>conjugans</i>	inch high fleabane
	map	sheet	<i>Erigeron uncialis</i> var. <i>uncialis</i>	limestone daisy
image	map	sheet	<i>Eriogonum ampullaceum</i>	Mono buckwheat
image	map	sheet	<i>Eriogonum anemophilum</i>	windloving buckwhea
image	map	sheet	<i>Eriogonum argophyllum</i>	Sulphur Springs buc
	map	sheet	<i>Eriogonum beatleyae</i>	Beatley buckwheat

image	map	sheet	<i>Eriogonum bifurcatum</i>	Pahrump Valley buck
image	map	sheet	<i>Eriogonum concinnum</i>	Darin buckwheat
	map	sheet	<i>Eriogonum contiguum</i>	Amargosa buckwheat
image	map	sheet	<i>Eriogonum corymbosum</i> var. (unnamed)	Las Vegas buckwheat
image	map	sheet	<i>Eriogonum crosbyae</i>	Crosby buckwheat
	map	sheet	<i>Eriogonum darrovii</i>	Darrow buckwheat
	map	sheet	<i>Eriogonum esmeraldense</i> var. <i>toiyabense</i>	Toiyabe buckwheat
	map	sheet	<i>Eriogonum heermannii</i> var. <i>clokeyi</i>	Clokey buckwheat
image	map	sheet	<i>Eriogonum holmgrenii</i>	Holmgren buckwheat
	map	sheet	<i>Eriogonum lemmonii</i>	Lemmon buckwheat
image	map	sheet	<i>Eriogonum lewisii</i>	Lewis buckwheat
image	map	sheet	<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i>	heavenly buckwheat
image	map	sheet	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat
	map	sheet	<i>Eriogonum phoeniceum</i>	scarlet buckwheat
image	map	sheet	<i>Eriogonum prociduum</i>	prostrate buckwheat
image	map	sheet	<i>Eriogonum robustum</i>	altered andesite bu
image			<i>Eriogonum rubricaulum</i>	Lahontan Basin buck
image	map	sheet	<i>Eriogonum</i> sp.	Churchill Narrows b
	map	sheet	<i>Eriogonum tiehmii</i>	Tiehm buckwheat
image	map	sheet	<i>Eriogonum viscidulum</i>	sticky buckwheat
			<i>Eustoma exaltatum</i>	catchfly gentian
			<i>Ferocactus cylindraceus</i> var. <i>lecontei</i>	Mojave barrel cactu
image	map	sheet	<i>Frasera gypsicola</i>	Sunnyside green gen
image	map	sheet	<i>Frasera pahutensis</i>	Pahute green gentia
	map	sheet	<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	Kingston Mountains
image	map	sheet	<i>Gilia heterostyla</i>	Cochrane gilia
image	map	sheet	<i>Gilia nyensis</i>	Nye gilia
	map	sheet	<i>Gilia ripleyi</i>	Ripley gilia
image	map	sheet	<i>Glossopetalon clokeyi</i>	Clokey greasbush
image	map	sheet	<i>Glossopetalon pungens</i> var. <i>glabrum</i>	smooth dwarf grease
	map	sheet	<i>Glossopetalon pungens</i> var. <i>pungens</i>	rough dwarf greasb
image	map	sheet	<i>Grimmia americana</i>	American grimmia
image	map	sheet	<i>Grindelia fraxinopratis</i>	Ash Meadows gumplan
image	map	sheet	<i>Hackelia cusickii</i>	Cusick stickseed
	map	sheet	<i>Hackelia ophiobia</i>	rattlesnake stickse
			<i>Hackelia sharsmithii</i>	Sierran forget-me-n
image	map	sheet	<i>Helianthus deserticola</i>	desert sunflower
	map	sheet	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>	Inyo hulsea
	map	sheet	<i>Ionactis caelestis</i>	Red Rock Canyon ast
	map	sheet	<i>Ipomopsis congesta</i> var. <i>nevadensis</i>	Toiyabe gilia
image	map	sheet	<i>Ivesia aperta</i> var. <i>aperta</i>	Sierra Valley ivesi
	map	sheet	<i>Ivesia arizonica</i> var. <i>saxosa</i>	rock purpusia
image	map	sheet	<i>Ivesia cryptocaulis</i>	hidden ivesia
image	map	sheet	<i>Ivesia jaegeri</i>	Jaeger ivesia
	map	sheet	<i>Ivesia kingii</i> var. <i>eremica</i>	Ash Meadows ivesia
image	map	sheet	<i>Ivesia pityocharis</i>	Pine Nut Mountains
image	map	sheet	<i>Ivesia rhypara</i> var. <i>rhypara</i>	grimy ivesia.
image	map	sheet	<i>Ivesia webberi</i>	Webber ivesia
	map	sheet	<i>Jamesia tetrapetala</i>	waxflower
image	map	sheet	<i>Lathyrus grimesii</i>	Grimes vetchling
	map	sheet	<i>Lathyrus hitchcockianus</i>	Bullfrog Hills swee
image	map	sheet	<i>Lepidium davisii</i>	Davis peppergrass
	map	sheet	<i>Lepidium montanum</i> var. <i>nevadense</i>	Pueblo Valley peppe
			<i>Lepidium nanum</i>	dwarf peppergrass
	map	sheet	<i>Leptodactylon glabrum</i>	Bruneau River prick
	map	sheet	<i>Lesquerella goodrichii</i>	Goodrich bladderpod
image	map	sheet	<i>Lesquerella hitchcockii</i>	Hitchcock bladderpo
			<i>Lesquerella pendula</i>	hanging bladderpod
	map	sheet	<i>Lewisia maguirei</i>	Maguire bitterroot
			<i>Linanthus arenicola</i>	dune linanthus

		<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i>	Inyo Mountain parsl
	map	<i>Lomatium graveolens</i> var. <i>alpinum</i>	Clark parsley
	sheet	<i>Lomatium packardiae</i>	Succor Creek parsle
	map	<i>Lomatium roseanum</i>	adobe parsley
	sheet	<i>Lotus argyraeus</i> var. <i>multicaulis</i>	scrub lotus
image		<i>Lupinus holmgrenianus</i>	Holmgren lupine
image		<i>Lupinus malacophyllus</i>	soft lupine
	map	<i>Machaeranthera grindelioides</i> var. <i>depressa</i>	rayless tansy aster
	sheet	<i>Mentzelia candelariae</i>	Candelaria blazing-
	map	<i>Mentzelia leucophylla</i>	Ash Meadows blazing-
	sheet	<i>Mentzelia mollis</i>	smooth stickleaf
image	map	<i>Mentzelia packardiae</i>	Packard stickleaf
	sheet	<i>Mimulus angustifolius</i>	Mount Rose monkeyfl
image	map	<i>Mimulus ovatus</i>	Steamboat monkeyflo
	sheet	<i>Mirabilis pudica</i>	bashful four o'clock
image	map	<i>Nitrophila mohavensis</i>	Amargosa niterwort
image	map	<i>Opuntia pulchella</i>	sand cholla
image	map	<i>Opuntia whipplei</i> var. <i>multigeniculata</i>	Blue Diamond cholla
image	map	<i>Oryctes nevadensis</i>	oryctes
image	map	<i>Oxytheca watsonii</i>	Watson spinecup
image	map	<i>Pedicularis semibarbata</i> var. <i>charlestonensis</i>	Charleston pinewood
	map	<i>Pediomelum castoreum</i>	Beaver Dam breadroo
image	map	<i>Penstemon albomarginatus</i>	white-margined bear
image	map	<i>Penstemon arenarius</i>	Nevada dune beardto
image	map	<i>Penstemon bicolor</i> ssp. <i>bicolor</i>	yellow twotone bear
image	map	<i>Penstemon bicolor</i> ssp. <i>roseus</i>	rosy twotone beardt
	map	<i>Penstemon concinnus</i>	Tunnel Springs bear
	map	<i>Penstemon floribundus</i>	Cordelia beardtongu
image	map	<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i>	Death Valley beardt
	map	<i>Penstemon leiophyllus</i> var. <i>francisci-pennellii</i>	Pennell beardtongue
image	map	<i>Penstemon leiophyllus</i> var. <i>keckii</i>	Charleston beardton
	map	<i>Penstemon moriahensis</i>	Mount Moriah beardt
image	map	<i>Penstemon pahutensis</i>	Pahute Mesa beardto
	map	<i>Penstemon palmeri</i> var. <i>macranthus</i>	Lahontan beardtongu
	map	<i>Penstemon patricus</i>	dad's penstemon
	map	<i>Penstemon procerus</i> var. <i>modestus</i>	small flower beardt
image	map	<i>Penstemon pudicus</i>	bashful beardtongue
	map	<i>Penstemon rhizomatosus</i>	rhizome beardtongue
image	map	<i>Penstemon rubicundus</i>	Wassuk beardtongue
image		<i>Penstemon sudans</i>	Susanville beardton
image	map	<i>Penstemon thompsoniae</i> ssp. <i>jaegeri</i>	Jaeger beardtongue
	map	<i>Penstemon tiehmii</i>	Tiehm beardtongue
		<i>Perideridia lemmonii</i>	tuni
	map	<i>Perityle intricata</i>	delicate rockdaisy
	map	<i>Phacelia anelsonii</i>	Aven Nelson phaceli
	map	<i>Phacelia beatleyae</i>	Beatley scorpion pl
	map	<i>Phacelia glaberrima</i>	Reese River phaceli
		<i>Phacelia hastata</i> var. <i>charlestonensis</i>	Spring Mountains ph
	map	<i>Phacelia inconspicua</i>	obscure scorpion pl
	map	<i>Phacelia inundata</i>	playa phacelia
		<i>Phacelia lutea</i> var. <i>calva</i>	yellow scorpion pla
image	map	<i>Phacelia minutissima</i>	least phacelia
image	map	<i>Phacelia monoensis</i>	Mono County phaceli
image	map	<i>Phacelia mustelina</i>	weasel phacelia
	map	<i>Phacelia parishii</i>	Parish phacelia
	map	<i>Phacelia</i> sp.	overlooked phacelia
		<i>Phacelia</i> sp.	talus phacelia
		<i>Phlox gladiformis</i>	daggerleaf phlox
		<i>Pilostyles thurberi</i>	Thurber pilostyles
image	map	<i>Pinus washoensis</i>	Washoe pine

	map	sheet	<i>Plagiobothrys glomeratus</i>	altered andesite po
image			<i>Plagiobothrys salsus</i>	salt marsh allocary
	map	sheet	<i>Poa abbreviata</i> ssp. <i>marshii</i>	Marsh bluegrass
	map	sheet	<i>Polemonium chartaceum</i>	White Mountain skyp
image	map	sheet	<i>Polyctenium williamsiae</i>	Williams combleaf
			<i>Polygala heterorhyncha</i>	notch-beak milkwort
	map	sheet	<i>Porophyllum pygmaeum</i>	pygmy poreleaf
image	map	sheet	<i>Potentilla basaltica</i>	Soldier Meadow cinq
image	map	sheet	<i>Potentilla cottamii</i>	Cottam cinquefoil
image	map	sheet	<i>Primula capillaris</i>	Ruby Mountains prim
image	map	sheet	<i>Primula cusickiana</i> var. <i>nevadensis</i>	Nevada primrose
image	map	sheet	<i>Psorothamnus kingii</i>	Lahontan indigobush
image			<i>Ranunculus tritermatus</i>	obscure buttercup
image	map	sheet	<i>Rorippa subumbellata</i>	Tahoe yellowcress
image	map	sheet	<i>Salvia dorrii</i> var. <i>clokeyi</i>	Clokey mountain sag
image	map	sheet	<i>Salvia funerea</i>	Death Valley sage
image	map	sheet	<i>Sclerocactus blainei</i>	Blaine pincushion
image	map	sheet	<i>Sclerocactus nyensis</i>	Tonopah fishhook ca
image	map	sheet	<i>Sclerocactus polyancistrus</i>	hermit cactus
image	map	sheet	<i>Sclerocactus schlesseri</i>	Schlesser pincushio
image	map	sheet	<i>Scutellaria holmgreniorum</i>	Ravendale skullcap
	map	sheet	<i>Selaginella utahensis</i>	Utah spikemoss
			<i>Senecio pattersonensis</i>	Mono ragwort
image	map	sheet	<i>Silene clokeyi</i>	Clokey catchfly
	map	sheet	<i>Silene nachlingerae</i>	Nachlinger catchfly
			<i>Silene nuda</i> ssp. <i>nuda</i>	naked catchfly
	map	sheet	<i>Smelowskia holmgrenii</i>	Holmgren smelowskia
image	map	sheet	<i>Sphaeralcea caespitosa</i>	Jones globemallow
image			<i>Sphaeromeria argentea</i>	chickensage
image	map	sheet	<i>Sphaeromeria compacta</i>	Charleston tansy
image	map	sheet	<i>Spiranthes diluvialis</i>	Ute lady's tresses
	map	sheet	<i>Spiranthes infernalis</i>	Ash Meadows lady's
image	map	sheet	<i>Streptanthus oliganthus</i>	Masonic Mountain je
image	map	sheet	<i>Stroganowia tiehmii</i>	Tiehm stroganowia
image	map	sheet	<i>Synthyris ranunculina</i>	Charleston kittenta
	map	sheet	<i>Tonestus alpinus</i>	alpine tonestus
			<i>Tonestus eximius</i>	Tahoe tonestus
	map	sheet	<i>Tonestus graniticus</i>	Lone Mountain tones
image	map	sheet	<i>Townsendia jonesii</i> var. <i>tumulosa</i>	Charleston groundda
	map	sheet	<i>Trichostomum sweetii</i>	Sweet trichostomum
	map	sheet	<i>Trifolium andinum</i> var. <i>podocephalum</i>	Currant Summit clov
	map	sheet	<i>Trifolium leibergii</i>	Leiberg clover
image			<i>Trifolium lemmonii</i>	Lemmon clover
image	map	sheet	<i>Trifolium rollinsii</i>	Rollins clover
image	map	sheet	<i>Viola lithion</i>	rock violet
image	map	sheet	<i>Viola purpurea</i> var. <i>charlestonensis</i>	Charleston violet

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